

~~Exhibit~~ 1

9/21 Sequencing gel of SEC2, T7, 1259C 3398

Transfection of DL plasmids

Plasmid	ml used
pCDNA1	10
pCDNA1 FT3m	10
pCDNA1 FT3m, F6, 3 (3+2)	10
pCDNA1 FT3m, F6, 4 (5+9)	4
pCDNA1 FT3m, F6, 4 (I-1)	12
pCDNA1 FT6m F3, 4 (12+3)	5
pCDNA1 FT6m F3, 4, 5	20

Standard DEAE Dexten transfection protocol in COI-7 cells

DATA harvested for use in above transfection	200	200	50	200/246
5+9	255	133	2.5	1.86
12+3	1237	143	2.4	1.65
12+7	1248	144	2.4	1.70

9/22 lay gel of SEC-2 samples

SEP5 9925

SEP6 1259, T7, 3398B

Begin Sequencing FT7 clone - 104 gel/seq RT

8993	3244 (Not work)
714	8904
946	8902
2931	8875
8661A	8851
8953	8771

9/23 Sequencing gel (Formamide gel 40%) of the above samples

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# III TA Cloning (Invitrogen)

Followed instructions to letter

	P/E	P+	Insert	
Box	1.0	1.0		
V <sub>ph</sub>	2.0	2.0		
Ins	1.0	—		
H <sub>2</sub> O	5.0	6.0		
E	1.0	1.0	10pg	
1/2 Transformation				thaw cells
h <sub>2</sub>	1.0	1.0	1.0 (Lid)	2ml $\beta$ MEOH
Cells	50	50	50	Mix by TAP
Beal	450	450	450	Add DMS

## Also transform

KG's PCR products cloned into pCDHAT  
- MCHD61/P3

## Set up PCR experiment (in KG's Project)

use Vector primers; 3rd exon primers  
to evaluate 14-7 FD DNA from library (PLS) pCD  
2nd amp 11pg/ul

this will tell if insert is in the library

### Primers

5315  
5316  
152  
153

> pCDH7 Vector primers

## II/1 Completed the assembly and checking of any sequence discrepancies in FT7 Sequence

This is 3594 nt Sequence  
from 300 → end in 2 directions

Save this sequence to SN. to check against his  
independently determined sequence

II/2 no differences detected - full 99.9% confident  
this sequence